

and the Public Garden pond has a very muddy bottom. The luxuriant growth may be partly due to this. Yet the fact that the species appeared so regularly and abundantly after the reservoirs had been emptied would seem to indicate that the drying out of the soil constituents of the pond acted as a stimulus to the germination of the spores, which were dormant in the soil. In all of the localities named, this alga was more or less abundant during the second year after the ponds were emptied, although in other years, as already remarked, it was rare or absent.

The ponds being unconnected, the plant could not have originated in one and spread to the others; and the difference in dates excludes general climatic conditions from producing the results.

S. crassa is here taken in the sense in which it is used by Wolle (Fresh Water Algae of the United States). The form found in Massachusetts appears to be fairly distinct, but there may be some doubt in referring it to any particular European form.

COREOPSIS INVOLUCRATA ON THE ATLANTIC COAST. — Permit me to mention in the columns of RHODORA a plant which seems a good way from home. Several years since, Miss Sarah Fell, an enthusiastic botanist of this city, discovered in the reclaimed tide-water marshes at the junction of Christiana Creek with Delaware River, the southwestern *Coreopsis involucrata* of Nuttall. It was again found in great profusion this year by Mr. Commons, and later by myself, growing along a "marsh road." It is a fine species, not very unlike *C. trichosperma*, Michx., which is also common here. — WM. M. CANBY, Wilmington, Delaware.

[The closely related *C. aristosa*, Michx., has been twice collected on wool waste in New England: by C. W. Swan at Dracut, Mass., in 1894, and by J. C. Parlin and M. L. Fernald at North Berwick, Me., in 1897. *C. involucrata* may be expected in such places. — ED.]

THE DISTRIBUTION OF CERTAIN TREES AND SHRUBS IN WESTERN CONNECTICUT.

CHARLES K. AVERILL.

THE following notes on the distribution of certain trees and shrubs in the Housatonic River region of western Connecticut may be of